

IN THE CLAIMS:

Please amend the claims as indicated below:

Please cancel claims 2, 3, 5, 6, 8, 9, 11, and 12, without prejudice.

1. (Currently Amended) An overload control method for use in a multi-branch
5 Internet Protocol-based private branch exchange system within a network environment
having a primary network and at least one alternate network, said method comprising the
steps of:

maintaining a congestion indicator status associated with each path in said
primary network, said congestion indicator status indicating whether said path is congested
10 and based on congestion data from at least one device that participated in a packet telephony
communication;

receiving a call set up request from a source terminal;

determining if a primary path between said source terminal and a destination
terminal is congested using said congestion indicator status; ~~and~~

15 routing said call using said at least one alternate network if said primary path
between said source terminal and a destination terminal is congested; and

setting a timer that will cause said congestion indicator flag to automatically
expire after a predefined period of time, wherein said timer expires after a period of time
within which said congestion is expected to be alleviated.

20 2. (Cancelled)

3. (Cancelled)

25 4. (Currently Amended) A congestion management method for use in an Internet
Protocol-based private branch exchange system within a packet network environment, said
method comprising the steps of:

receiving congestion data from at least one device that participated in a packet
telephony communication;

determining if said congestion data indicates that a path associated with said packet telephony communication is congested; ~~and~~

setting a congestion indicator flag associated with said path if said congestion data indicates that a path associated with said packet telephony communication is congested;

5 and

setting a timer that will cause said congestion indicator flag to automatically expire after a predefined period of time, wherein said timer expires after a period of time within which said congestion is expected to be alleviated.

10 5. (Cancelled)

6. (Cancelled)

7. (Currently Amended) A congestion management method for use by a packet
15 phone adapter in a packet network environment, said method comprising the steps of:

collecting congestion data associated with a packet telephony communication;

determining if said packet telephony communication had a duration that exceeded a predefined threshold; ~~and~~

reporting said congestion data to a centralized server that performs overload
20 control, whereby said centralized server evaluates said congestion data to determine if a path associated with said packet telephony communication is congested; and

setting a timer that will cause said congestion indicator flag to automatically expire after a predefined period of time, wherein said timer expires after a period of time within which said congestion is expected to be alleviated.

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8. (Cancelled)

9. (Cancelled)

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10. (Currently Amended) A congestion manager for use in an Internet Protocol-based private branch exchange system within a packet network environment, comprising:

a memory for storing computer readable code; and

a processor operatively coupled to said memory, said processor configured to:

5 receive congestion data from at least one device that participated in a packet telephony communication;

determine if said congestion data indicates that a path associated with said packet telephony communication is congested; ~~and~~

set a congestion indicator flag associated with said path if said congestion data

10 indicates that a path associated with said packet telephony communication is congested; and

maintain a timer that will cause said congestion indicator flag to automatically expire after a predefined period of time, wherein said timer expires after a period of time within which said congestion is expected to be alleviated.

15 11. (Cancelled)

12. (Cancelled)